U.S. DEPARTMENT OF COMMERCE U:S. Patent and Trademark Office

1. DRAWINGS. 37 CFR 1.84(a): Acceptable	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
categories of drawings: Black ink or	Words do not appear on a horizontal, left-to-right
Color (3 sets required).	fashion when page is either upright or turned so
Color drawings are not acceptable until petition is	that the top becomes the right side, except for
granted. Fig(s)	graphs. Fig(s)
Pencil and non black ink not permitted. Fig(s)	9. SCALE. 37 CFR 1.84(k)
2. PHOTOGRAPHS. 37 CFR 1.84(b)	Scale not large enough to show mechanism
1 full-tone set is required. Fig(s)	without crowding when drawing is reduced in
Photographs may not be mounted. 37 CFR 1.84(e)	size to two-thirds in reproduction.
Photographs must meet paper size requirements of	Fig(s)
of 37 CFR 1.84(f). Fig(s)	10. CHARACTER OF LINES, NUMBERS, &
Poor quality (half-tone). Fig(s)	LETTERS. 37 CFR 1.84(1)
3. TYPE OF PAPER. 37 CFR 1.84(e)	Lines, numbers & letters not uniformly thick and
Paper not flexible, strong, white, and durable.	well defined, clean, durable, and black (poor line
Fig(s)	quality). Fig(s)
Erasures, alterations, overwritings, interlineations,	11. SHADING. 37 CFR 1.84(m)
folds, copy machine marks not accepted.	Solid black areas pale. Fig(s)
Fig(s)	Solid black shading not permitted. Fig(s)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable	12. NUMBERS, LETTERS, & REFERENCE
Sizes:	CHARACTERS. 37 CFR 1.84(p)
21.0 cm by 29.7 cm (DIN size A4) or	Numbers and reference characters not plain and
21.6cm by 27.9cm (8 1/2x 11 inches)	legible. Fig(s)
All drawing sheets not the same size.	Figure legends are poor. Fig(s) 37 57
Sheet(s)	Numbers and reference characters nor oriented in
Drawings sheets not an acceptable size. Fig(s)	the same direction as the view. 37 CFR 1.84(p)(1
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Fig(s)
	English alphabet not used. 37 CFR 1.84(p)(2)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Porton 1.0 cm	Fig(s)
Margins not acceptable. Fig(s) Top (T) Left (L)	Numbers, letters and reference characters must be
Right (R) Bottom (B)	at least 32 cm (1/8 inch) in height. 37 CFR
6. VIEWS. 37 CFR 1.84(h)	1.84(p)(3). Fig(s)
REMINDER: Specification may require revision to	13. LEAD LINES. 37 CFR 1.84(q)
	Lead lines missing. Fig(s)
correspond to drawing changes, e.g., if Fig. 1 is	14. NUMBERING OF SHEETS OF DRAWINGS.
changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings.	37 CFR 1.84(t)
	Sheets not numbered consecutively, and in Arabic
must likewise be changed. Views not labeled separately or properly.	numerals beginning with number 1. Sheet(s)
	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Fig(s)	Views not numbered consecutively, and in Arabic
	numerals, beginning with number 1. Fig(s)
Sectional designation should be noted with	16. DESIGN DRAWINGS. 37 CFR 1.152
Arabic or Roman numbers. Fig(s)	
	Surface shading shown not appropriate.
	Fig(s)
	Solid black surface shading is not permitted excep
	when used to represent the color black as well as
	color contrast. Fig(s)
OMMENTS:	
CO ()	10/20/12
ewer	Date
have questions, call (703) 305-8404.	Attachment to Paper No.
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